Contributors

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BURNLEY RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year

1972

P. G. HOLT, M.B., Ch.B., D.P.H.

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PUBLIC HEALTH DEPARTMENT STAFF

Medical Officer of Health P. G. HOLT., M.B., Ch.B., D.P.H., M.F.C.M.

Chief Public Health Inspector and Superintendent of Public Cleansing <u>H. WOODCOCK</u> Intermediate and Part I Final Examination in Laws London University Member of Association of Public Health Inspectors Certified Meat and Food Inspector Associate Member of the Institute of Public Cleansing National Certificate in Mechanical Engineering Higher National Certificate in Mechanical Engineering

Deputy Chief Public Health Inspector and Superintendant of Public Cleansing <u>R. ISHERWOOD</u> Member of Association of Public Health Inspectors Certified Meat and Food Inspector Member of the Institute of Housing Managers

Additional Public Health Inspector <u>J. OGDEN</u> Member of Association of Public Health Inspectors Certified Meat and Food Inspector Certified Smoke Inspector Associate Member of the Institute of Public Cleansing

> Meat Inspector <u>J. GREENWOOD</u> Certified Meat Inspector

Technical Assistant <u>J. HOLDEN</u> National Building Certificate

> Clerk MISS M. DEWHURST

MEMBERS OF THE HEALTH AND WATER COMMITTEE DURING THE YEAR 1972

CHAIRMAN :

COUNCILLOR G. HALSTED

and Superintendent of Public Clonnaine

J. HOLDEN

VICE-CHAIRMAN :

COUNCILLOR MISS A. ALSTON, M.B.E. (to May 1972) COUNCILLOR MRS. J. M. RICHARDSON, (from May 1972)

COUNCILLORS :

L. Airey

Miss A. Alston, M.B.E. (from May 1972)

.M. D. S.M. . .H.

- R. Ashton
- F. W. Burrows
- S. D. Durling
- E. T. Eddlestone, J.P.
- Mrs. M. Fletcher
- P. Gilbraith
- F. Holgate

- T. Jones
- I. Limmer
- W.T. Nutter

Mrs. J.M. Richardson (to May 1972)

Mrs. M. M. Riley

- T. Smith
- W. Tinniswood
- J. Walton
- J. Wyld.

F. C. ROLT., N.B.

C. Law

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1972.

(3)

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report of the Health and Environmental conditions of the Burnley Rural District for the year ended 31st December 1972. The layout follows the usual pattern, and the contents include all items requested by the Department of Health and Social Security.

This is the last Annual Report that I shall be presenting to you as members of Burnley Rural District Council, as both the Council and the title and position of Medical Officer of Health will be disappearing in a few month's time. We are thus seeing the end of a long line of reports which have faithfully recorded the changing health and social patterns of the local population, and it is because these changes have been consistently for the better, that the work of the Medical Officer of Health in his present form is almost done.

We take for granted our supply of clean, safe water, our disposal of sewage and our freedom from serious infectious disease, but it was not always so. A glance at the literature of the last century reveals the appalling conditions in which so many people lived and the epidemics of Cholera and other diseases which ravaged the population; but then the pressures from the early sanitary reformers, the efforts of the pioneer Medical Officers of Lealth together with advances in medical knowledge, established Public Health on a firm basis culminating in the comprehensive Public Health Act of 1875.

In the century since then, we have added 25 years to the average life span, and in the few years since the last war we have virtually eliminated the remainder of the old killing diseases. It is for this reason that the function of the Medical Officer of Health has altered so drastically in recent years, and the time has now come for him to retire from the local government scene together with his Annual Reports.

Another piece of history is written.

I would like to thank the Chairman and Members of the Health Committee for their interest and support of the work of the Department during the year, and all members of the Health Department for the efficient and helpful way in which they have carried out their duties.

I have the honour to be, Ladies and Gentlemen,

Your obedient servant

P. 1 4/5. Medical Officer of Health

SECTION A

VITAL STATISTICS AND SOCIAL

CONDITIONS

Regist	trar-General's estimate of home population	
. wit brun	Mid-year, 1972	18,570
Area c	of the district	39,842
Number	r of inhabited houses, according to rate	acres
	books as at 31.3.72	7,522
Rateat	ble Value (as at 31.12.72)	£1,787,862
Sum re	epresented by 1p rate (1972/73)	£6,963

The chief industries of this area are light engineering, textiles, and agriculture.

Live Births	Male	Female	Total
Legitimate Illegitimate Birth rates per 1,000 hone population	127 8	103 8	230 16
Crude rate			13.2
Adjusted rate Still Births			14.4
Number of Still Births Rate per 1,000 home population	2	2	4 16
Deaths Number of deaths (all causes)	114	126	240
Death rate per 1,000 home population Crude rate Adjusted rate	er ple 1d 11k		12.9 12.1
Infant Deaths			
Deaths of Infants under 1 year of age	2	2	4
Deaths of Infants under 4 weeks of age Deaths of Infants under 1 week of age	1	1	2 2
Infant mortality rates			
Deaths under 1 year per 1,000 live births			8
Deaths of legitimate infants under 1 year per 1,000 legitimate live births			9
Deaths of illegitimate infants under 1 year per 1,000 illegitimate live bi	rths		-

Neonatal mortality rate

Deaths under 4 weeks per 1,000 live births

Early neonatal mortality rate

Deaths under 1 week per 1,000 total live births

Perinatal mortality rate

Stillbirths and deaths under 1 week combined per 1,000 total live and still births

Certified causes of death were as follo	ows: <u>Male</u>	Female	Total
Meningitis	1	All the es	2
Malignant neoplasm, stomach	3	all en ine soms	4
Malignant neoplasm, intestine	4	4	8
Malignant neoplasm, larynx	2	- 602 YA 66 4	2
Malignant neoplasm, lung, bronchus	12	iteral of	13
Malignant neoplasm, breast	anto D-chep	2	2
Malignant neoplasm, prostate	2	-	2
Malignant neoplasm, uterus		1	1
Leukaemia	zebn= oza	ALL LINGS	1
Other malignant neoplasms	4	6	10
Benign and unspecified neoplasms	-	1	1
Avitaminoses, etc	1	oten = bas_a	o back (1
Anaemias	-01.0	pione-risk	1
Other diseases of nervous system	1	-	1
Active Rheumatic fever		Brieffinid	1
Chronic Rheumatic heart disease	1	1	2
Hypertensive disease	29	34	63
Other forms of heart disease	9	2	11
Cerebrovascular disease	10	27	37
Other diseases of circulatory system	3	9	12
Influenza	2	2	4
Pneumonia	11	11	22
Bronchitis and emphysena	8	4	12
Other diseases of respiratory system	_	1	1
Peptic ulcer	1		1
Intestinal obstruction and hernia	1	-	1
Cirrhosis of liver		all and the T	1
Other disease of digestive system	1.0.0	Trat-day T.	1
Nephritis and nephrosis	1	1	2
Hyperplasia of prostate	1	Light -baok a	oddad 1
Other diseases, genito-urinary system	-	nool, 1 loon	1
Diseases of musculo-skeletal system	Nort, 100	rand 1 1 years	2
Congenital anomalies	-	2	2
Symptoms and ill defined conditions	tubercul	Lodos 1 us to	con net
Motor vehicle accidents	1	3	4
Suicide and self-inflicted injuries	1	5	6
ourcree and serr-infiltered injuries	114	126	240
	114	126	240

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SECTION B

GENERAL PROVISIONS OF HEALTH SERVICES

1. Laboratory Facilities

The Laboratory work for the department was carried out at the Public Health Laboratory, Preston. Samples are collected from the office each Wednesday. On occasions there is no one available from the laboratory to collect samples, and these must be delivered by car. In addition, any samples obtained on any other day, must be delivered by car.

2. Ambulance Facilities.

All the ambulance undertakings for this district are carried out by the Lancashire County Council.

3. <u>Nursing Services</u>

The nursing services provided for this district are carried out by the Lancashire County Council.

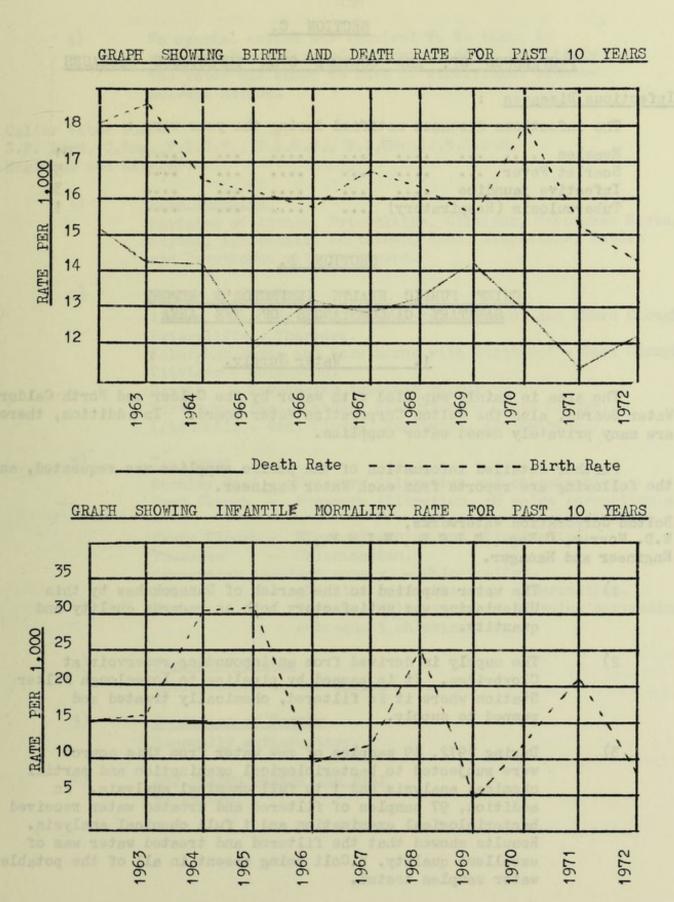
4. Immunisation and Vaccination Services, Home Helps, etc.

All these are under the control of the Lancashire County

Council.

5.	Clinics and Treatment Centres :	
		alance Hall, Maud Street,
		rowford.
	Brierfield U.D.C Town	Hall Annex, Brierfield.
	Vill Vill 	nodist Chapel, Briercliffe Lage Hall, Holme-in-Cliviger. Lage Hall, Foulridge. Wheatley Lane, Fence. Stitutional Club, Read.
		leyan Chapel, Sabden. wyth Road, C.H.C.Pike Hill.
	Colne M.B Bank	K House, Albert Road, Colne. tley Hospital, Laneshawbridge.
		is Road, Nelson.
	Padiham U.D.C Stat	tion Road, Padiham.
	Trawden U.D.C Pari	ish Hall, Trawden.
Schoo	ool Clinics	alsordyen bas ald in
	Station Road, Padiham.	of prostate
	Leeds Road, Nelson	
_	Bank House, Albert Road, Colne.	
Tuber	erculosis	and this are back back (I) has send
Hosp	Cases of suspected tuberculosis are see pital. Burnley.	en at the Chest Clinic, Marsden
-	ereal Diseases	other accidents
	At the Out-Patient Department, Victoria	Hospital, Burnley.
Inst	titutional Accommodation for Maternity Cas	
		Burnley.

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SECTION C.

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PREVALENCE:	1.1 H	0 0 11	CONTROL.	LIV KH	I M B'B'C''L' LOUIS	DISEASES
TUDATITICT	UT I	TTTTT	00111101	O V DIL	INFECTIOUS	DTORUDDO

Infectious Diseases :

The infectious diseases notified during the year were :

Measles	 	 91
Scarlet Fever	 	 5
Infective jaundice	 	 3
Tuberculosis (Respiratory)	 	 1

SECTION D.

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT SANITARY CIRCUMSTANCES OF THE AREA

1. Water Supply.

The area is mainly supplied with water by the Calder and North Calder Water Boards, also the Bolton Corporation Water Board. In addition, there are many privately owned water supplies.

Further detailed information of the public supplies was requested, and the following are reports from each Water Engineer.

Bolton Corporation Waterworks, W.D. Morris, C.Eng., M.I.C.E., M.I.W.E., Engineer and Manager.

- 1) The water supplied to the parish of Dunnockshaw by this Undertaking was satisfactory both as regards quality and quantity.
- 2) The supply is derived from an impounding reservoir at Clowbridge. It is passed by pipeline to Loveclough Filter Station where it is filtered, chemically treated and pumped to supply.

3) During 1972, 49 samples of raw water from this source were subjected to bacteriological examination and partial chemical analysis and 1 to full chemical analysis. In addition, 97 samples of filtered and treated water received bacteriological examination and 1 full chemical analysis. Results showed that the filtered and treated water was of excellent quality, B.Coli being absent in all of the potable water samples tested. 4)

No special action was required to be taken in respect of any form of contamination. From tests made the water was shown to have no significant plumbosolvent action.

Calder Water Board S.P. Lord, C.Eng., F.I.C.E., F.I.W.E., F.I.Mun.E., M.B.I.M. Engineer and Manager.

1)

3)

Area Supplied

Parishes of Altham, Briercliffe, Cliviger, Habergham Eaves, Hapton, Ightenhill, Northtown, Read, Simonstone, Sabden and Worsthorne with Hurstwood.

2) <u>Source of Supply</u>

Altham - Burnley Road, Haweswater Aqueduct and Churn Clough Briercliffe - Thursden. Habergham Eaves and Worsthorne with Hurstwood - Cant Clough Cliviger - Hurstwood. Hapton - Haweswater Aqueduct supply. Northtown, Read, Sabden, Simonstone - Churn Clough. Ightenhill - Cant Clough, Hurstwood, and Swinden.

Treatment

Burnley Road -	Pressure filtration and chlorination.
	Pressure filtration, pH value correction and
	chlorination.
Churn Clough -	Micro straining and chlorination
Thursden -	Chlorination.
Haweswater Aque	duct supply - Chlorination.
Swinden -	pH value correction and chlorination.
Hurstwood -	Pressure filtration and pH value correction, subsequent chlorination.

- <u>Purity of Supply</u> Satisfactory on the whole.
- 5) <u>Condition of Supply</u> Generally satisfactory.
- 6) <u>Any change during the year</u> No change.

North Calder Water Board C. D. Barnes, C.Eng., M.I.C.E., F.I.W.E., Engineer and Manager.

Area Supplied

Parishes of Barley with Wheatley Booth, Blacko, Foulridge Goldshaw Booth, Higham with West Close Booth, Old Laund Booth, Reedley Hallows, and Roughlee Booth.

2) Sources of Supply

Springs at Laneshaw, Bouldsworth and Whitemoor. Boreholes at Cornclose, and Whitehough. Moorland gathering grounds in the Pendle valley and at Coldwell, Laneshaw and Boulsworth, totalling 4,589 acres of which 231 are afforested. Reliable yield 4.00 m.g.d.

3) <u>Treatment</u>

Pressure filtration and chlorination Hardness of water : Total 24 to 100 p.p.m.

4) Purity of Supply

Some 363 samples were submitted for bacteriological examination, of which 95.32 were claimed as satisfactory, 0.27 doubtful and 4.41 as unsatisfactory.

The conditions of supply generally are good where separate service pipes are installed, but unsatisfactory in some cases where the supply is afforded by joint service pipes.

No change of note occurred during the year with regard to treatment and distribution of water within the Rural District area supplied by the Board.

¹⁾

The number of water samples taken during the year by Public Health Department was:

Bacteriological :	Public Supplies Private Supplies	22 50
Chemical :	Public Supplies Private Supplies	1 3

Seventy-two samples of water were submitted to the Public Health Laboratory, Preston for bacteriological analysis, and the results of these samples were as follows:

Public Supplies :

22 samples takes	n for bacteriological examination	
Number reported	satisfactory	21
Number reported	unsatisfactory	1

Private Supplies

50 samples taken for bacteriological examination	
Number reported satisfactory	13
Number reported unsatisfactory	37

Regarding the 50 samples taken from private supplies, quite often one spring will supply several properties, consequently this affects more than 50 houses.

In cases where water is reported unsatisfactory, the users are requested to boil water used for drinking purposes. Unsatisfactory sources are investigated, and where possible, advice is given to owners so that improvement may be effected.

Where there are several springs running into one private supply samples are taken from each spring, and where one or more is found to be unsatisfactory, then such springs can be disconnected, leaving only those where pure water is delivered.

With reference to the 4 chemical water samples, two were satisfactory and two unsatisfactory. The two unsatisfactory samples (both from private supplies) were due to high iron content. The householders were recommended to either:

- a) connect to public mains, or
- b) chemically treat the water to reduce the iron content, or
- c) by some mechanical means aerate the water, and afterwards separate out the solids.

The installation of 'Berkefeld' Filters, or 'Beloo' Chlorinators are recommended for all private supplies, as during heavy rain fall, pollution can occur. Details of the estimated number of houses with a piped supply of water are as follows:

The number of water employ taken during the year by Fublic Freith

Landina I	Pip	ed Supply	into .	
to the Public	No. of dwelling houses	From Public water mains	From Private Supplies	Not Piped
	a of success	Tollowst	A DIDE BO	Town securi
Althan	228	228	1.12 - U.S.	-
Barley	81	31	50	-
Blacko	206	185	21	Start -
Briercliffe	912	901	11	-
Cliviger	740	659	81	-
Dunnockshaw	69	48	21	-
Foulridge	545	515	30	-
Goldshaw Booth	85	47	38	-
Habergham Eaves	360	349	11	-
Hapton	837	808	29	-
Highan	336	307	29	
Ightenhill	51	51	Contral CE LAN	nater and
Northtown	34	21	13	than 50 hor
Old Laund Booth	426	393	33	-
Read	416	411	5	-
Reedley Hollows	381	349	32	Dors - about
Roughlee Booth	123	72	51	TO DECTIONS
Sabden	522	. 489	33	111 2-13 00
Simonstone	284	281	3	
Worsthorne	799	799	Calcoln See	ma pergran
				and the second

2. Drainage and Sewerage

Schemes in preparation for Whins Lane area of Read and Simonstone.

In addition, there is in preparation schemes for Taylor Cross, Foulridge, Moorfield Industrial Estate, Altham, and Habergham Eaves Industrial Estate.

The installation of "Serverold" Milters, or "Beloo" Chlorinstore

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3. Pollution of Rivers and Streams

The department has continued in its endeavours to bring about repair and improvements to septic tanks and filters, also to eliminate discharges from farms and isolated cottages into rivers and streams.

Below are given details of sewage works and water courses into which effluent discharges. With the exception of Foulridge, the sewage works of Lane Bottom, Worsthorne, Sabden, and Goldshaw Booth are now the responsibility of the Mid Calder and Hyndburn Sewage Board.

4. Closet Accommodation

The Council pay grants for the conversion of privies, pail closets and waste water closets, and during the year, these grants were increased as follows:

- a) Where the property is connected to a sewer <u>not</u> more than 100 feet away : £40 per conversion of pail or privy.
- b) Where the property is connected to a sewer <u>more</u> than 100 feet away - a sum between £40 and £70 at the discretion of the Council.
- c) Where the conversion involves the construction of a septic tank and filter : £70 per conversion.
- d) Conversion of a waste water closet to a fresh water closet : £24 per conversion

In all cases, the amount shown is the maximum. The grant will be that amount, or half the cost, whichever is the lesser.

The approximate number of the different types of sanitary conveniences in the district is as follows:

Fresh water closets	7,048
Waste water closets	278
Pail closets (including tank closets).	145

The number of waste water closets converted in 1971 was 40 and in 1972 69.

5. Public Cleansing.

Throughout the year refuse was collected weekly. During the holiday periods (a fortnight in July and one week in September) this service was maintained by the employment of additional labour, i.e. students etc.

The maintenance of this regularity was due to the efficiency and the enthusiasm of the regular drivers and collectors. There are only twenty-five men, including drivers on the staff, and during periods of sickness, overtime working has to be carried out to give this weekly service.

The increase in volume of refuse and the increased activity on the part of builders in building new houses, has created problems for the department. These have been solved, in some cases, by the use of plastic liners in dustbins. The purpose is to reduce waiting time of refuse vehicles on busy main roads, and in cases where there is a long carry from the house to the vehicle. The liner, plus refuse is lifted out of the dustbin and a new plastic bag is left for the occupier to fit inside the bin. The double journey to return the empty bin is therefore avoided. This has resulted both in the attenuation of a traffic hazard, and the emptying of a larger number of bins by the same number of men and vehicles in the same length of time.

In addition, where liners are used, the inside of the bin does not become filthy, and reduces, probably abates any fly nuisance or snell.

Plastic sacks are also used for old peoples bungalows, and council owned flats.

On the Higham and Hapton council house development, polythene bin-sac holders have been provided, and these appear to be working very well.

During the year, 262 newly built houses and 12 flats were given a service. Every new house adds greatly to the work of the men because the bins have to be carried a much greater distance than in the case of conventional terraced property with back yards and a back street.

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In order to prevent deposits of litter, collection of household goods such as gas ovens, pianos, furniture, etc., is made free of charge. A charge is still made for fireplaces, bricks, flags, etc. This service is provided in addition to the container service which is operating.

Many complaints are received of litter and items of furniture being deposited in outlying parts of the district, but it should be remembered that:

- 1) Some Local Authorities in this area do not make special collections of furniture etc., and some people living in such areas have to get rid "somewhere" and where better than a remote part of a rural district?
- 2) All property repairers are not over enthusiastic about removing the residue from their building jobs, and if they do, it is cheaper to dump it at the side of some remote road, rather than pay tipping charges on a Local Authority tip.

Clearing up these roadside deposits also entails a considerable amount of work. In particular, Crown Point, Habergham Eaves has to be given constant attention as well as Whinney Hill, Altham, and Gypsy Bridge, Hapton.

Arrangements have now been made with local scrap metal dealers for removal of abandoned motor cars. In practice, cars which are towable are easily removed, cars which have to be lifted are not moved as readily. It must be stressed, however, that a vehicle is not abandoned unless the owner has relinquished all rights to possess it.

> Refuse is collected as follows: One 15 cu. yd. Air Space Revopak (Shelvoke & Drewry) powered by a Perkins Diesel Engine (6 cylinder) (This replaced the 50 cu.yd Shelvoke & Drewry Pakamatic which was disposed of in November.) Staffed by a driver and four men Collections from: Worsthorne, Pike Hill, Red Lees,

Overtown, Walk Mill, Habergham Eaves, Hapton, Read, Simonstone and Altham West.

· National Instance

One 25 cub.yard Shelvoke & Drewry Fore & Aft Tipper, with pressure plate. Perkins 6 cylinder engine. Diesel. (Purchased in 1967) Staffed by a driver and four men.

Collections from: Sabden, Wheatley Lane, Blacko, Foulridge Reedley and Briercliffe.

tipped at Molaon and Burnley. Mafune from Sabdan is still tipped at

One 20 cub.yd.Shelvoke & Drewry Fore & Aft Tipper, powered by a Perkins Diesel 4 cylinder engine and fitted with a pressure plate.

(Purchased in 1969)

Staffed by a driver and three men. Collections from:

> Higham, Fence, Wheatley Carr, Pendle Bridge, Quaker Bridge, Spenbrook, Sabden Fold, Northtown, Roughlee, Part of Foulridge, Barley, Newchurch, Read, plus small groups of houses also hotels and factories.

One 20 cub.yd.Shelvoke & Drewry Fore & Aft Tipper, powered by a Perkins Diesel 4 cylinder enginer and fitted with a pressure plate.

(This replaced the 15 cub.yd.Shelvoke & Drewry Fore & Aft Tipper which is now used as the spare vehicle)

Staffed by a driver and two men, Collections from:Briercliffe, Hurstwood, part of Cliviger Ightenhill, and isolated properties around the perimeters of villages.

One 15 cub.yd.Shelvoke & Drewry Fore & Aft Tipper, powered by a Perkins Diesel 4 cylinder engine, and fitted with a pressure plate. (Purchased in 1966) (This replaced the 16 cub.yd. Shelvoke & Drewry Fore & Aft Tipper, which was disposed of in November.) Staffed by a driver and two men. A small round at Dunnockshaw, Holme and Cliviger, then used for special collections for furniture and litter, also utilised as a spare vehicle.

> Nightsoil Collection and emptying of Cesspools.

A 800 gallon Shelvoke & Drewry Cesspool Emptier, powered by a 6 cylinder Perkins Diesel engine (Purchased in 1971) is used for nightsoil collection. This vehicle is staffed by a driver and one man.

Approximately 145 pails are emptied weekly, several tank closets and cesspools are emptied approximately every six weeks, and any time remaining is used for emptying septic tanks.

Refuse Disposal

The refuse for the whole area, with the exception of Sabden, was tipped at Nelson and Burnley. Refuse from Sabden is still tipped at the Sewage works.

(17)

Sale of Dustbins and Pails

Dustbins and pails were sold to householders during the year as follows:

Galvanised B.S.S. dustbins with rubber lids	182
Black plastic bins with lids	73
Galvanised sanitary pails	9

The plastic bin is proving very satisfactory, especially where householders are on smokeless fuels, and there is no hot ash. It is much lighter to handle, therefore easier for the refuse collector.

6. Civic Amenities Act - Refuse Containers

During the year the container service still proved to be extremely popular, and it is interesting to compare the quantity of refuse removed from twelve containers during 1971 with the quantity of refuse removed from sixteen containers in 1972.

	Loads 1971	Loads 1972
Read	110	139
Newchurch	15	23
Sabden	51	60
Foulridge	60	83
Hapton	36	71
Briercliffe	92	168
Higham	29	45
Worsthorne	57	97
Cliviger (Two containers)	76	167
Barley	11	26
Roughlee	5	10
Thursden	10	44
Northtown	8 4997 01	it malau-
Crown Point (Three containers)	r polite occos al	<u>107</u> (6 months)
	560 loads	1040 loads

The volume recovered in 1971 amounted to 5,600 cu.yards, whilst in 1972 the volume amounted to 10,400 cu.yards.

The enormous quantities of refuse being removed by this system, makes it hard to believe that all this is being produced by ratepayers of the Rural District, but the main object of the exercise is to prevent rubbish being dumped in the gountryside. Much of this refuse is in fact produced by citizens of surrounding urbans, boroughs, and the county borough, because these authorities do not appear to provide a like service. In fact, in some cases it would be quite legitimate to claim, no service at all for bulky articles. Our containers are strategically placed for easy access, and they are available for business 24 hours per day, 7 days per week, and 52 weeks per year, they do not close each day at 4.30 p.m. and all day Saturday and Sunday. The quantity of refuse removed in one month now exceeds the quantity which was removed during the whole of 1970.

7. Public Sanitary Conveniences

Public sanitary conveniences are provided as follows:

Parish	Male Urinals W.C's.	Female <u>W.C's.</u>	Washing Facilities.
Briercliffe	2 1	2	Wash-hand basin
Cliviger	2 1	2	provided in each convenience
Foulridge	and draw 1701 3 and 1 and draw a	2	with a supply
Hapton	2 1	2	of cold water.
Newchurch	2 1	2	
Sabden	2 1	2	
Worsthorne	2 1	2	

The cleansing of the conveniences is carried out by the Surveyor's staff.

Plans are in preparation for a convenience at Barley, and one at Hurstwood, these to be constructed in conjunction with picnic sites.

8. Disinfection

During the year no house was terminally disinfected, but where visits were made in connection with infectious diseases, disinfectant was issued, and concurrent disinfection was advised, also any library books were fumigated at the office.

For terminal disinfection, Formaldehyde is used in all cases, except in the case of tuberculosis, where a 5% Izal solution is used.

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. Rodent Control

Rodent control in private dwellings and business premises, was carried out during the year. A free service (in the case of private dwellings) was given, but a charge was made for the treatment of business premises and farms.

Much publicity has been given to the fact that in some parts of the country, rats have become immune to Warfarin. Fortunately, none of these Marfarin resistant rats have migrated to this area up to the present, and exceptionally good results have been obtained with the approved methods used.

Difficulty has been experienced in the extermination of mice, however, a more direct poison Alpha Chloralose has been used, with the addition of a little sugar and flour to the bait base, to make it more palatable. This new bait has proved very effective, but greater care has to be used in placing the baits. This bait is ineffective if the room temperature is above 60°F. Another poison Rinoxin has also proved quite successful.

Many farmers now carry out their own treatments, purchasing the necessary bait for rat extermination from the Council.

Committee for Rodent Control

The North East Lancashire Advisory Committee was formed in 1954. This covers workable Area No.11 which comprises of Colne, Nelson, Trawden Brierfield, Barrowford, Burnley, Padiham, and Burnley Rural District, together with Workable areas No's. 10 and 15. Each district is represented by a member of the local authority and the Public Health Inspector. Halfyearly meetings are held in the respective districts when problems are discussed. Councillor Smith represents Burnley Rural, and is a regular attender at the meetings.

10. Other Vermin

During the year twenty houses were disinfested, seventeen with cockroaches, and three with beetles.

Thirteen wasps nests were destroyed.

11. Sanitary Inspection of the Area

Appendix A on Page 28 shows the number of inspections carried out during the year.

12. Tents. Vans and Sheds.

There are two main sites licensed at Roughlee - Palm Beach, and High Beach, on each of which are situated both caravans and sheds. Both sites are being improved to bring them up to modern public health standards, and considerable work has been carried out at High Beach, i.e. all sheds have been removed, an adequate drainage system and waste points have been laid, adequate and satisfactory roads have been laid, and toilet and washing accommodation has been provided. Work is still proceeding at Palm Beach.

There is a large licensed site at Read on the road leading to Dunkirk Farm, containing both caravans and sheds. Mains water has been laid to the site. A reception hall and toilet block have been erected, and drainage work has been completed to one toilet block.

The site at Sabden is licensed for holiday caravans only, and is quite modern. There are concrete standings, and all these have electric points and drainage. Communal wash-houses and water closets have been sited in a central position, and there is a special arrangement. for emptying chemical closets. Refuse is collected each week by the Council's refuse men.

Small caravan sites are situated in parts of this district, and occasional caravans which are used for habitation by families which are residing in the area for only a short time.

13. Smoke Abatement.

The department has made sustained efforts to reduce the emission of acid smuts from the Nori Brickworks at Altham. Complaints were first received in 1966 apparently about the time that the company installed oil fired heating for two brick kilns (one with a plastic chimney). The first complaints in 1966 concerned damage to the paintwork of motor cars. In 1967 nylon stockings and underwear were reported damaged. Cars with damaged paintwork have been examined in Church Lane, Beech Crescent, and Whalley Road during 1970. Complaints are still being received.

We have suggested that the oil fired kiln with the plastic chimney be converted to north sea gas. It has come to our knowledge that this kiln known as the Jubilee is used for the manufacture of multi-coloured bricks. During this process, bitumen in some form is inserted into the kiln. It is therefore possible that this bitumen could be a source of acid smuts, and in that case the conversion to gas would not in itself abate the nuisance.

nit during the year.

The first Smoke Control Area (Ightenhill) was commenced in 1972 and finished in May 1973. A second Smoke Control Area (Habergham Eaves) was submitted to the Ministry in 1972, but was slightly delayed, and was not commenced until late 1973.

14. Noise Abatement Act, 1960.

It was not found necessary to institute any formal action under the Act during 1972.

Reference was made in the 1971 report to the complaints received regarding the use of a press for stamping out metal parts. After the company abolished night shift working, no further complaint was received.

Animal boarding establishments give rise to complaints, which, in the past, were mainly confined to the holiday months of July, August and September. However, there now appears to be a tendency for proprietors of such premises to supplement their income by breeding dogs in order to sell them. This practice necessitates the keeping of dogs the whole year round, whereas previously the kennels were practically empty for nine months of the year.

A further cause for complaint appears to be the industrial sewing machine which some housewives are using in their homes in order to supplement the family income. If such machines are operated for long periods each day, great annoyance can be caused to occupiers of houses in close proximity, especially where such a neighbour may be on a night shift and expects to be able to sleep during the day. In this kind of situation, it will be unusual to find three householders affected so that a complaint could be made to the Magistrates under the above Act of 1960.

15. Factories

There are 127 factories in the district, and regular inspections are made. All the factories have modern sanitary accommodation.

A table giving details of factory inspections for the purposes of provisions as to health under Part 1 of the Factories Act 1961 is given in Appendix F on Page 36.

Sanitary Accommodation for Farm Workers

Farms have been visited during the year to ensure that sanitary accommodation is provided for farm workers, Most of the farms in the area are small and no labour is employed. Where a married farm man is employed he usually lives with his family in an adjoining cottage, so sanitary accommodation is available. In cases where a single man is employed who does not 'live in' an outside water closet, or pail closet is provided.

Maste Food Boiling Plants

Diseases of Animals (Waste Foods) Order, 1957,

The above order requires Local Authorities to keep a register of all waste food boiling plants in the district, and inspections are to be made to ensure that all such food is boiled for 1 hour, and that livestock do not have access to any unboiled food, and to prevent contamination of any waste foods that have been boiled by any unboiled waste food.

The number of premises licensed in 1972 was 3. During the year 4 visits were made to such premises.

Animal Boarding Establishments

Eight Animal Boarding Establishments were in existence at the end of the year, and all have been granted licences. These were inspected and found to be maintained and managed in a satisfactory manner.

Poultry Processing Premises

There are none of these premises in this district.

16. Offices, Shops and Railway Premises Act, 1963.

There were no prosecutions during the year, and no accidents reported under the above Act.

The following 'table' shows the number and class of registered premises inspected during the year.

Vith the 5 standard an apply fer s toor to fix a fair	Offices	Retail Shops	Wholesale Shops Warehouses	Catering establish- ments open to public Canteens	Fuel Storage Depots.
No. of registered premises at end of year		20	Dual frontian 969 both reg ing frontes	15	2
No. of registered premises receiving a general inspect- ion during the year	e ionedu Le reoliti 1	5	ereion of con adiction of hemen	roof half rout all rolled hol tarrai	1
No. of exemptions current at end of	Act 1969.	Rousing	ble under the	illava atanos	
year: Space (S.5 (2))	0	0	0	0	0
Temperature (S.6)	0	0	0	0	0
Sanitary conveniences (S.9)	0	0	0	0	0
Washing facilities (S.10)	0	0	0	0	0

SECTION E

HOUSING

At the 31st December 1972, the Council had registered 124 applications for houses, and 219 for bungalows and flats. During the year there were 139 applications for the 83 new houses completed at Stonemoor Bottom, Hapton, and on the 31st December 1972 there were 64 applications still outstanding for this estate. Applications for all other parishes totalled 60. At the 31st December 1972 there were 170 applications for bungalows, which included 32 applicants for flats or bungalows at Hapton. There is a heavy demand for the flats at Old Laund Booth and at the end of the year, 49 applications were outstanding.

The 93 houses in the parish of Hapton have now been completed and a further 53 are now being commenced. Eight two storey flats at Read and twelve two storey flats at Foulridge should be completed 1973/4.

Inspection and Repair of Houses

The number of tenanted houses is decreasing, and partly as a result of this, again there have been no applications for certificates of disrepair under the 1957 Rent Act.

Where controlled dwellings are provided with the 5 standard amenities and are in good repair, the landlord can apply for a Qualification Certificate to enable the Rent Officer to fix a fair rent for the dwelling.

Several Qualification Certificates have been applied for under the Housing Act 1969 both regarding houses up to qualification standard, and houses requiring improvements with the aid of grants.

The conversion of controlled tenancies to regulated tenancies is under the jurisdiction of the Rent Officer along with the fixing of a fair rent for these tenancies.

During 1972, many properties have been improved by the use of the grants available under the Housing Act 1969, i.e. standard and improvement grants, and there has been a steady increase in applications for these.

During the year, 162 dwellings were visited re. housing defects (under the Health or Housing Acts). The number of inspections made was 324.

Rent Increase and Certificate of Disrepair.

Period covered 1st January 1972 to 31st December 1972

There have been no applications for Certificates of Disrepair or applications for cancellation of Certificates during 1972.

Particulars of housing inspections and repair work carried out are given in Appendices B and C on pages 29 and 30.

SECTION F.

Milk Supply

a) On the 1st October 1960, the County Council took over the granting of dealers licenses under the Milk (Special Designation)Regulations 1960.

Total number of Distributors of Milk on the Register at the end of the year - 62.

Biological Examination of Milk Samples

No No	of of	samples samples	reported reported	negative positive	sis tests to Ring Test to Ring Test to Ring Test	775 721 45 9
					to Whey Test to Whey Test	4 9
No	• of	samples	reported	positive	to Culture Test to Culture Test . ive	21 25 3
			The same of the second second second	and the second of the second second second	to Biological Test to Biological Test	22 8
No	• of	samples	reported	negative	to T.B	22

٤

c) Meat and Other Foods

There are three slaughterhouses in the district, one in each of the parishes of Dunnockshaw, Higham and Read. At two of the slaughterhouses regular Saturday morning killing is carried out, and this necessitates the Meat Inspector working Saturday's and taking one morning per week off in lieu. All three slaughterhouses operate on New Years Day, Easter Monday, Whit. Monday, and Boxing Day, and it is necessary on these days to work on a rota system.

Condemned Meat

b)

In the case of meat condemned at Slaughterhouses and butchers' shops, this is sent for manufacture into fertilisers. Details of meat inspected are shown in Appendice E page 35.

Food and Drugs Act, 1955

The County Council is the Food and Drugs Authority under the Food & Drugs Act, 1955, dealing with adulterations of food.

A total of 65 samples was obtained comprising 60 milks and 5 others as follows:

1 Part Meat Pie	1 Ice Lolly
2 Ice Cream	1 Choc Ice

Samples on which the County Analyst gave adverse reports are as follows:

Sample	Result of Analysis	Action Taken .
Part of a meat pie	Contained 1 cooked domestic housefly (Musca Domestica) weighing 0.029 gm.	Prosecution Fined £50 Cost £15.
Choc Ice	Present draft EEC Directive seems to discourage the use of the term 'Choc' for confectionary made from fats other than cocoa butter	Manufacturer communicated with.

d) Food Preparing Premises :

Where premises do not comply with the Food and Drugs Act, the necessary notices are served on the occupier.

Number of Food Premises, by types of business at the en	nd of the year
Greengrocers and provision dealers	54
Greengrocers and fruiteremincluding those selling	Whit to Non
wet fish, game etc.)	7
Fishmongers (including those selling poultry, game	
etc)	Contenado,
Meat shops (butchers, purveyors of cooked and preserved meat, tripe etc) 10
Bakers and confectioners	13
Fried Fish Shops	7
Shops selling mainly sugar confectionery, minerals,	
ice-cream, etc	8
Licensed premises, clubs, canteens,	
restaurants, cafes, snack bars, and similar catering	10
Others	46
others	1

e) Ice Cream

The necessary attention was given to premises where ice cream is prepared and/or sold, with special attention being given to the preparation.

Ten samples of ice cream were taken and submitted to the Public Health Laboratory, Preston for analysis. with the following results:

Grade	1	-	Seven samples
"	2	-	One sample
"	4	-	Two samples.
			ARAR DAUGTO DI

f) <u>Bakehouses</u>

There are thirteen bakehouses on the register, and routine inspections were carried out during the year.

g) Food poisoning

2.7

No case of food poisoning was notified during the year.

h) Other foods inspected

During the year the contents of one large fridge were voluntarily surrendered as unfit, due to being in an unfrozen state.

SCHOOLS

There are twenty schools in the district, and the following information may be of interest.

............

Number of schools with unsatisfactory yard surfaces	2
Sanitary Accommodation :	
No. of schools with: Fresh water closets Waste water closets Trough closets	20 0 0
Pail closets	0
Water Supply	
No. of schools supplied from public mains	20
No. of schools where washing facilities are considered unsatisfactory	1
Drainage	
No. of schools with drainage to Public Sewers	20
Refuse Disposal No. of schools with dustbins	20
	10000

APPENDIX A.

SANITARY INSPECTIONS MADE

General Sanitation

.

Standard Grants	269
Conversion Grants	31
Discretionary Grants	670
Inspections under the Housing Acts	113
Inspections under the Public Health Acts	198
Disinfection of rooms	2
Inspections and visits in connection with I.D.cases	6
Visits re. dustbins, pails etc	108
Visits to verminous premises	154
Premises inspected for vermin	75
Visits re. refuse and salvage	474
Visits re. septic tanks and filters	108
Visits re. accummulations and deposits	16
Interviews with property owners etc	64
Visits re. smoke	59
Visits re. Smoke Control Area	158
Visits re. water supplies	29
Visits re. caravans and moveable dwellings	15
Visits to factories re. sanitary accommodation	37
Visits re. Animal Boarding Establishments	18
Old drains tested	87
Old drains inspected	229
Shops inspected under Shops Act	81
Visits re. Civic Amenities Act 1967	1080
Visits re. Offices Shops & Railway Premises Act 1963	16
Miscellaneous sanitary visits	152
Visits re. noise complaints	18
Visits re. deposits of hazardous wastes	2
Visits to Waste Food Boiling Plants	4
Inspection of Schools	17
Visits re. derelict properties	1
Visits re. infected milk supplies	11
Visits re. Housing Applications	1
Re-organisation meetings	16
Visits re. Qualification certificates	5

Meat and Food Inspection and Inspection of Food Premises and Vehicles.

Meat inspection	977
Slaughterhouses inspected	9
Grocers inspected	12
Greengrocers and Fruiterers inspected	2
Ice cream premises inspected	15
Butchers shops inspected	10
Food preparing premises inspected	35
Fried fish shops inspected	2
Licensed premises inspected	18
Bakehouses inspected	7
Confectioners inspected	2
Miscellaneous food visits	11
	44

Samples

Milk samples	11
Water samples	76
Ice cream samples	10

APPENDIX B

SANITARY IMPROVEMENTS EFFECTED

Dwelling	Houses	
	Rainwater gutters provided or repaired	6) 1
Factorie	s, Workshops and Chops.	
	Yard wall re-built Silencer fitted to compressor	1 1
Bakehous	es, Food Shops_	
	Internal walls cement plastered Wash hand basins provided with hot and cold water	1 3
Offices,	Shops and Railway Premises Act 1963.	
	Abstracts provided	1
Waterclos	sets, Dustbins, etc.	
	Additional water closets provided Pail closets converted to fresh water closets Waste water closets converted to fresh water closets	82 25 69
<u>Drainage</u>	Choked drains cleansed Drains repaired or reconstructed New inspection chambers constructed	37 9 1

(30)

APPENDIX C.

Insp	ectio	n of dwelling houses during the year :			
1.	(a)	Total number of dwellings inspected forms informally for housing defects (under Pub Health or Housing Acts)	ally or olic	162	
	(b)	Number of inspections, formal or informal made for the purpose		324	
	(c)	Number of dwellings in (a) above found to in all respects reasonably fit for human habitation, but capable of being rendered			
2.	or n capa	l number of dwellings existing at end of y ot, which were unfit for human habitation ble at reasonable expense of being render in respect of which :	and not	ccupied t 263	
	(a)	Demolition, Clearance or Closing Orders 1 been made (at any time)		103	
	(b)	Demolition, Clearance or Closing Orders I not yet been made		160	
Hous	ses De	molished House demo	es lished	Displaced <u>Person</u> s	during year Families
(a)	In c	or adjoining Clearance Areas :			
	1)	Houses unfit for human habitation 1	4 }		
	2)	Houses included by reason of bad arrangement etc.	0	48	18
	3)	Houses on land acquired under S.43(2), Housing Act, 1957	0 }		
(ъ)	Not	in or Adjoining Clearance Areas :		ore amorna	
	4)	As a result of formal or informal procedure under S.16 or S.17(1) Housing Act, 1957	0)		
	5)	Local Authority owned houses certified unfit by the Medical Officer of Health	0		
			(
	6)	Houses unfit for human habitation where action has been taken under Local Act	0	0	0

3.	Unfi	t Houses Closed :	Houses Closed	Persons	during year Families
	1.	Under S.16 (4), and S.17 (1), and S.35 (1 Housing Act, 1957 and S.26 Housing Act, 1961)	
	2.	Under S.17 (3) and S.26 Housing Act, 1957	0	6	5
	3.	Parts of buildings closed under S.18 Housing Act, 1957	0	}	
4.	Unfi	t Houses Made Fit :		Number	hto \
	1.	By owner after informal action by Local Authority		82	
	2.	After formal notice under S.9 and S.16 Housing Act, 1957 -			
	/ -	(a) by owner(b) by local authority		0	
	3.	After formal notice under Public Health A	cts	0	
	4.	After modification or revocation of a clearance order under S.24 Housing Act,19	61	0	
	5.	After determination of a demolition order under S.24 Housing Act, 1957	de (v) a	0	
			Carlo and a second		

5. Unfit Houses in Temporary Use (Housing Act, 1957) :

Posi	tion at end of year :	Number of Houses (1)	Number of Separate dwellings contained in column (1)
1)	Retained for temporary accommodation - a) under Section 48	0	0
	b) under Section 17 (2)	0	0
	c) under Section 46	0	0
2)	Licensed for temporary occupation under S.34 or S.53	0	-

(31)

Purc	hase of Houses by Agreement :	<u>No.</u>	of Houses	No. of Occupants
	Houses in clearance areas other than those included in confirmed orders or compulsory purchase orders :	71.8 hm	12	
Hous	ing Act, 1969 - Improvement Grants, e	etc.	us (2) TI.B -	2. Under
			ing houses of fected in sci	
		mer cupied	Others	Local Authority
Acti	on during year :	scupied	the Fade Fit	Authority
1)	Submitted by private individuals to local authority	112	24	1. By 0
2)	Approved by local authority	62	19	2- Afte
3)	Submitted by local authority to Ministry	V OVAGE	d-(2)	-
4)	Finally approved by Ministry .	tee mote	r formal not	37 Arte
5)	Work completed	22	3	Art.
6)	Additional separate dwellings included in (v) above	o To aol	6	stia
7)	Any other action taken under the Act General Improvement Areas :	ts, e.g.	None	

b) under Section 17 (2) Farmerer

a) under Seation 46

und 2 5.34 or 6.53

. .

6.

7.

		No. of dwe other buil	ellings or dings affected
		Owner occupied	Others
Acti	on during year :		
1.	Applications submitted to local authori for improvements to a) full standard : b) reduced standar	125	31 -
2.	Total applications approved by local authority for improvements to:		
	a) full standard : b) reduced standar		26 -
3.	Work completed	96	26
4.	Particulars of any action taken relatin to compulsory improvement of dwellings	-	required
Hous	ing Act. 1969 - Special Grants :		
Acti	on during year :		
1.	Applications submitted to local authori for special grants :	ty O	0
2.	Applications approved by local authorit for improvement by special grant	y O	0
3.	Work completed	0	0

8. Housing Acts, 1961, 1964 and 1969 - Standard Grants -

ž

1	2	4	1		
1	2	4	1		

APPENDIX D.

PREVENTION OF DAMAGE BY PESTS ACT 1949

internet of the second of the	Type of Property			
7. Zegator bel. 1953 - Jahren in	Non-Agricultural	Agricultural		
1. Number of properties in the district	8,965	309		
 2. Total number of properties (including nearby premises) inspected following notification	205 85 123	18 13 5		
 J. Total number of properties inspected for rats and/or mice for reasons other than notification	te 1002 : sations subsitted to 10 postal grants : sations approved by los sproverant 5, special s completed	Action Jury 1. Arris - tot a - tot a		

They a

(35)

APPENDIX E.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

	and the second se	10.10000	The second second second second	and the second second second	
ipostions <u>Furber of</u> <u>Rocutars</u>	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Numbers killed : Number inspected :	2397 2397	180 180	2 2	18262 18262	269 269
All diseases except Tuberculosis and Cysticercosis:	811	been	7 18 wife 7 18 wife 10rity	ortes non ch Section focal Aut	ante (2) ante allo ante get land(2)
Whole carcases condemned :	1	2	0	50	0
Organ or part of carcase condemned :	394	58	0	2874	9
% of number inspected affected	16.48%	33.33%	0%	15.90%	3.35%
<u>Tuberculosis only</u> : Whole carcases condemned Carcases of which some part or organ was condemned :	tel rest	ia rodu.		-	- 1
% of number inspected affected:		-		et al solt	•37%
<u>Cysticercosis</u> : Carcase of which some part or organ was condemned 1 Carcase submitted to treatment by refrigeration :	1 1	-	inerta- itaria inetion inerta itaria itaria itaria	the restance	

(36)

APPENDIX F

THE FACTORIES ACT, 1961

FACTORIES WITH, AND FACTORIES WITHOUT MECHANICAL POWER

1. Inspections for Purposes of Provisions as to Health

	Calives and		Number on Register	Inspections	Number of writtenOccupiers ProsecutedNotices
1,2,3,4, & by Local An		forced	2597 -	-	Sumbers Edited 1
in which Se	es not included ection 7 is enfo al Authority		118	12	-All_diseasos except
Section 7 : Local Author	remises in which is enforced by t ority (excluding ' premises),	he	9	1 ² ba	Millo osrosoci contern
	S	82	127	13	- biominon
2. Coo	es in which defe	ato word	found	Landaux 2 Mar	

2.

Cases in which defects were found .

	Number of	No.of cases in which			
I despected for an	Found Reme	died	Refe To H. M. Inspector	By H.M. Inspector	prosecutions were instituted
Want of cleanliness Overcrowding Unreasonable tempera-	5	5	:207	Amproved affor	Seathant
ture Inadequate ventilation Ineffective drainage of floors	3	3		eht objectes parts and caned 1	Concessor of
Sanitary convenience (a)Insufficient . (b)Unsuitable or	[-		stion :	by refrigo
defective (c)Not separate for sexes	3	3	-	-	-
Other offences against the Act (not including offences relating to out-work)	-	-	-	-	-
	11	11	-	1	-

There are no Outworkers in this district.

